

IN THE U.S. PATENT & TRADEMARK OFFICE

APPLICANT: Susumu TAKAGI

SERIAL #: 10/_____ ATT. DOCKET #: 542-005.16

FILED: 12 DEC. 2003 (HEREWITH)

TITLE: VARIABLE GAIN AMPLIFIER

PRELIMINARY AMENDMENT 37 C.F.R. § 1.121(b)(3) & (5)

Commissioner for Patents
Washington, D.C. 20231

12 DEC. 2003

Sir:

Prior to counting the claims,
please amend the application as follows:

IN THE SPECIFICATION:

Please cancel the original specification, claims &
abstract, and substitute the enclosed SUBSTITUTE SPECIFICATION
pages 1-30. Pursuant to Rule 121(c)(5)(f), the undersigned
registered attorney declares that the amendment does not
introduce any forbidden "new matter."

"Express Mail" Mailing Label No. EV 303 713 595 US
Date of Deposit: 12 DEC. 2003

I hereby certify that this document is being deposited with
the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 C.F.R. 1.10 on the date indicated
above and is addressed to the Commissioner for Patents, PO BOX
1450, Alexandria VA 22313-1450.


Dorothy Tomasco